课程名（Coursename）  
Chemistry 207. Advanced Organic Synthesis and Reactions - (New Course)   
  
课程代码（Coursenumber）  
86638  
  
课程对象（Audience）  
Primarily for Graduates  
  
开课教师（Teacher）  
Matthew D. Shair  
  
学期（Semester）  
Fall term  
  
课程描述（Description））  
This course presents reactivity principles of organic molecules. Topics include frontier molecular orbital theory, stereoelectronic effects, conformational analysis, cationic, anionic, radical, and carbene intermediates. These reactivity principles are used in a presentation of target-oriented synthesis. Strategies and tactics for asssembling complex organic molecules are presented.  
  
课时信息（Totalhours）  
M., W., F., at 10. EXAM GROUP: 3  
  
教参信息（Textbookinfo）  
1 Advanced Free Radical Reactions for Organic Synthesis by Hideo Tg (Hardcover - Jan. 28, 2004)  
ISBN-13: 978-0080443744  
世界各地拥有馆藏的图书馆（OCLC）:157  
2 Advanced Organic Chemistry (2nd Edition) by Bernard Miller (Paperback - July 21, 2003)  
ISBN-13: 978-0130655882  
世界各地拥有馆藏的图书馆（OCLC）:201  
3 Advanced Organic Chemistry: Part B: Reaction and Synthesis (Advanced Organic Chemistry / Part B: Reactions and Synthesis) by Francis A. Carey and Richard J. Sundberg (Paperback - Sept. 6, 2007)  
ISBN-13: 978-0387683546  
世界各地拥有馆藏的图书馆（OCLC）:228  
4 Advanced Organic Chemistry (2nd Edition) by Bernard Miller (Paperback - July 21, 2003)  
ISBN-13: 978-0130655882  
世界各地拥有馆藏的图书馆（OCLC）:201